

LIQUID CRYSTAL DISPLAY WITH CONTROL
ELECTRODES FOR PREVENTING LATERAL LEAK OF
ELECTRIC FIELD

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Abstract of the Disclosure

- A liquid crystal display (LCD) comprises a plurality of gate lines, a plurality of data lines, and switching elements each disposed in the proximity of one of intersections between
- 10 the plurality of gate lines and the plurality of data lines. The LCD further comprises a plurality of pixel electrodes disposed over the gate lines and the data lines via an interlayer insulating film, wherein, when viewed from upside, that is,
- 15 from the side of a gap between adjacent pixel electrodes toward the side of the gate line, the gap between adjacent pixel electrodes at least partially overlaps with the gate line, and a plurality of control electrodes each disposed under the gap between adjacent pixel electrodes and over the gate line,
- 20 wherein, when viewed from upside, the control electrode covers the gate line.

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